



REPLACEMENT SHEET

FIGURE 9

GGA TCC	GCT	CAG	TCA	GAG	CAC	GGT	CTA	ACA	GAA	GAA	ATG	ACA	ATG	AAA
BamHI	A	Q	S	E	H	G	L	T	E	E	M	T	M	K
TAC CGT	ATG	GAA	GGG	TGC	GTC	GAT	GGA	CAT	AAA	TTT	GTG	ATC	ACG	GGA
Y	R	M	E	G	C	V	D	G	H	K	F	V	I	T
GAG GGC	ATT	GGA	TAT	CCG	TTC	AAA	GGG	AAA	CAG	GCT	ATT	AAT	CTG	TGT
E	G	I	G	Y	P	F	K	G	K	Q	A	I	N	L
GTG GTC	GAA	GGT	GGA	CCA	TTG	CCA	TTT	GCC	GAA	GAC	ATA	TTG	TCA	GCT
V	V	E	G	G	P	L	P	F	A	E	D	I	L	S
GCC TTT	ATG	TAC	GGA	AAC	AGG	GTT	TTC	ACT	GAA	TAT	CCT	CAA	GAC	ATA
A	F	M	Y	G	N	R	V	F	T	E	Y	P	Q	D
GTT GAC	TAT	TTC	AAG	AAC	TCG	TGT	CCT	GCT	GGA	TAT	ACA	TGG	GAC	AGG
V	D	Y	F	K	N	S	C	P	A	G	Y	T	W	D
TCT TTT	CTC	TTT	GAG	GAT	GGA	GCA	GTT	TGC	ATA	TGT	AAT	GCA	GAT	ATA
S	F	L	F	E	D	G	A	V	C	I	C	N	A	D
ACA GTG	AGT	GTT	GAA	GAA	AAC	TGC	ATG	TAT	CAT	GAG	TCC	AAA	TTG	TAT
T	V	S	V	E	E	N	C	M	Y	H	E	S	K	F
GGA GTG	AAT	TTT	CCT	GCT	GAT	GGA	CCT	GTG	ATG	AAA	AAG	ATG	ACA	GAT
G	V	N	F	P	A	D	G	P	V	M	K	K	M	T
AAC TGG	GAG	CCA	TCC	TGC	GAG	AAG	ATC	ATA	CCA	GTA	CCT	AAG	CAG	GGG
N	W	E	P	S	C	E	K	I	I	P	V	P	K	Q
ATA TTG	AAA	GGG	GAT	GTC	TCC	ATG	TAC	CTC	CTT	CTG	AAG	GAT	GGT	GGG
I	L	K	G	D	V	S	M	Y	L	L	L	K	D	G
CGT TTA	CGG	TGC	CAA	TTC	GAC	ACA	GTT	TAC	AAA	GCA	AAG	TCT	GTG	CCA
R	L	R	C	Q	F	D	T	V	Y	K	A	K	S	V
AGA AAG	ATG	CCG	GAC	TGG	CAC	TTC	ATC	CAG	CAT	AAG	CTC	ACC	CGT	GAA
R	K	M	P	D	W	H	F	I	Q	H	K	L	T	R
GAC CGC	AGC	GAT	GCT	AAG	AAT	CAG	AAA	TGG	CAT	CTG	ACA	GAA	CAT	GCT
D	R	S	D	A	K	N	Q	K	W	H	L	T	E	H
ATT GCA	TCC	GGA	TCT	GCA	TTG	CCC	TGA	<u>AAGCTT</u>						
I	A	S	G	S	A	L	P	*	HindIII	(SEQ ID NO:15 & 16)				



REPLACEMENT SHEET

FIGURE 12

GGA TCC GCC TCC CTG CTG ACC GAG ACC ATG CCC TTC AGG ACC ACC ATC
BamHI A S L L T E T M P F R T T I

GAG GGC ACC GTG AAC GGC CAC TAC TTC AAG TGC ACC GGC AAG GGC GAG
E G T V N G H Y F K C T G K G E

GGC AAC CCC CTC GAG GGC ACC CAG GAG ATG AAG ATC GAG GTG ATC GAG
G N P L E G T Q E M K I E V I E

GGC GGC CCC CTG CCC TTC GCC TTC CAC ATC CTG TCC ACC TCC TGC ATG
G G P L P F A F H I L S T S C M

TAC GGC TCC AAG GCC TTC ATC AAG TAC GTG TCC GGC ATC CCC GAC TAC
Y G S K A F I K Y V S G I P D Y

TTC AAG CAG TCC CTC CCC GAG GGC TTC ACC TGG GAG CGC ACC ACC ACC
F K Q S L P E G F T W E R T T T

TAC GAG GAC GGC GGC TTC CTG ACC GCC CAC CAG GAC ACC TCC CTG GAC
Y E D G G F L T A H Q D T S L D

GGC GAC TGC CTG GTG TAC AAG GTG AAG ATC CTG GGC AAC AAC TTC CCC
G D C L V Y K V K I L G N N F P

GCC GAC GGC CCC GTG ATG CAG AAC AAG GCC GGC CGC TGG GAG CCC TCC
A D G P V M Q N K A G R W E P S

ACC GAG ATC GTG TAC GAG GTG GAC GGC GTG CTG CGC GGC CAG TCC CTG
T E I V Y E V D G V L R G Q S L

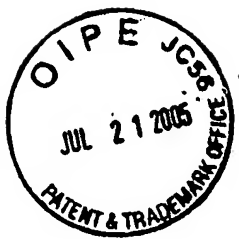
ATG GCC CTG GAG TGC CCC GGC GGT CGC CAC CTG ACC TGC CAC CTG CAC
M A L E C P G G R H L T C H L H

ACC ACC TAC CGC TCC AAG AAG CCC GCC TCC GCC CTG AAG ATG CCC GGC
T T Y R S K K P A S A L K M P G

TTC CAC TTC GAG GAC CAC CGC ATC GAG ATC CTG GAG GAG GTG GAG AAG
F H F E D H R I E I L E E V E K

GGC AAG TGC TAC AAG CAG TAC GAG GCC GCC GTG GGC CGC TAC TGC GAC
G K C Y K Q Y E A A V G R Y C D

GCC GCC CCC TCC AAG CTG GGC CAC AAC TGAAGCTT
A A P S K L G H N * HindIII (SEQ ID NO:21 & 22)



REPLACEMENT SHEET

FIGURE 13

ATG GCC TCC CTG CTG ACC GAG ACC ATG CCC TTC AGG ACC ACC ATC
M A S L L T E T M P F R T T I

GAG GGC ACC GTG AAC GGC CAC TAC TTC AAG TGC ACC GGC AAG GGC GAG
E G T V N G H Y F K C T G K G E

GGC AAC CCC CTC GAG GGC ACC CAG GAG ATG AAG ATC GAG GTG ATC GAG
G N P L E G T Q E M K I E V I E

GGC GGC CCC CTG CCC TTC GCC TTC CAC ATC CTG TCC ACC TCC TGC ATG
G G P L P F A F H I L S T S C M

TAC GGC TCC AAG GCC TTC ATC AAG TAC GTG TCC GGC ATC CCC GAC TAC
Y G S K A F I K Y V S G I P D Y

TTC AAG CAG TCC CTC CCC GAG GGC TTC ACC TGG GAG CGC ACC ACC ACC
F K Q S L P E G F T W E R T T T

TAC GAG GAC GGC GGC TTC CTG ACC GCC CAC CAG GAC ACC TCC CTG GAC
Y E D G G F L T A H Q D T S L D

GGC GAC TGC CTG GTG TAC AAG GTG AAG ATC CTG GGC AAC AAC TTC CCC
G D C L V Y K V K I L G N N F P

GCC GAC GGC CCC GTG ATG CAG AAC AAG GCC GGC CGC TGG GAG CCC TCC
A D G P V M Q N K A G R W E P S

ACC GAG ATC GTG TAC GAG GTG GAC GGC GTG CTG CGC GGC CAG TCC AGC
T E I V Y E V D G V L R G Q S S

ATG GCC CTG GAG TGC CCC GGC GGT CGC CAC CTG ACC TGC CAC CTG CAC
M A L E C P G G R H L T C H L H

ACC ACC TAC CGC TCC AAG AAG CCC GCC TCC GCC CTG AAG ATG CCC GGC
T T Y R S K K P A S A L K M P G

TTC CAC TTC GAG GAC CAC CGC ATC GAG ATC CTG GAG GAG GTG GAG AAG
F H F E D H R I E I L E E V E K

GGC AAG TGC TAC AAG CAG TAC GAG GCC GCC GTG GGC CGC TAC TGC GAC
G K C Y K Q Y E A A V G R Y C D

GCC GCC CCC TCC AAG CTG GGC CAC AAC TGA
A A P S K L G H N *

(SEQ ID NO:23 & 24)